

# Solar Stewardship Initiative: **Public Summary Report**

# Certificate of System Conformity

SSI Member	<b>Tongwei Solar</b>
Certified Site	<b>Tongwei Solar (Nantong) Co., Ltd.</b>
Certificate No.	<b>27102022-0010</b>
SSI Standard	<b>Supply Chain Traceability</b>
Assessment Body	<b>Tuv Sud</b>
Assessment Type	<b>Initial</b>
Current Grade	<b>Bronze</b>
Traceability System Boundary	<b>Module to Polysilicon</b>
Traceability Management System	<b>Implemented</b>
System Readiness	<b>Verified</b>
Share of Traceable Transactions	<b>High</b>
Certification Performance Trend	<b>Not Applicable</b>
Certificate Issue Date	<b>22/01/2026</b>
Certificate Expiry Date	<b>22/01/2027</b>
Site Certified Since	<b>22/01/2026</b>

Authorised by:



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**Head of Standards and Assurance**

# Understanding the Assessment Type

- **Initial Assessment**

A comprehensive assessment of a site against all SSI Standard (s) requirements, conducted to determine the level of compliance and to identify any non-conformances.

- **Follow-up Assessment**

A subsequent assessment conducted after an unsuccessful Initial Assessment, to verify that corrective actions have been implemented for non-conformances identified during the Initial Assessment.

- **Surveillance Assessment**

An interim assessment during the certification cycle to confirm ongoing compliance with the SSI Standard(s). It verifies closure of minor non-conformances and observations, reviews any scope changes (e.g. new production lines), and samples requirements to ensure no new risks or regressions have arisen.

- **Recertification Assessment**

An assessment conducted at the end of a three-year cycle that covers all current production lines and fully reflects any significant scope changes since the last full assessment.

# Understanding the Assessment Outcome

Level of Traceability	Conformance Ratings	Corrective Action Plan	Outcome and Score
Quartz	Major NC: 0	None	Gold (No certification awarded until all Minor NC are closed.)
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	
Metallurgical grade silicon (MG-Si)	Major NC: 0	None	Silver
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	
Polysilicon	Major NC: 0	None	Bronze
	Minor NC: <5	Root Cause Analysis and CAP to be developed by the SSI Manufacturing Members and sent to the AB	

# Traceable Transactions Reviewed During the Assessment

The assessment verified that the facility has established the management systems, procedures, and controls required to trace material in accordance with the SSI Supply Chain Traceability Standard. At the time of assessment, traceability was implemented on a transaction-dependent basis, with traceable material flows occurring where customers request SSI-traceable products.

This indicator reflects the proportion of production transactions during the assessment period that were processed as SSI-traceable and therefore available for verification by the assessor.

CATEGORY SHARE OF TRACEABLE TRANSACTIONS REVIEWED INTERPRETATION		
Supply Chain Tier	Supplier Coverage	Traceability Capability
Low	0–10% of transactions	Traceable orders were limited and typically customer-driven. Assessment primarily verified system readiness and traceability procedures.
Medium	10–50% of transactions	Traceable orders represent a meaningful portion of production. Assessors verified multiple traceable production flows.
High	>50% of transactions	Traceable production represents a majority of operations. Traceability is integrated into routine production processes.

# Solar Stewardship Initiative:

## **Section 1: Site Information**

# Public Summary Report

CERTIFIED SITE OVERVIEW	
SSI Member	Tongwei Solar
Certified Site	Tongwei Solar (Nantong) Co., Ltd.
Site Location	No.8, Bonded 10 Road, Economic Development Zone, Nantong City, Jiangsu Province, P.R. China
Site Type	Module Manufacturer
Assessment Type	Initial
Assessment Dates	25-26/12/2025
Next Assessment Type	Surveillance
Next Assessment Due	22/01/2027
Claims	<p>The certified site may communicate its certification status in accordance with the SSI Claims Guide.</p> <p>Claims may be used on company websites, corporate materials, invoices, and contractual documents.</p> <p>Product-level claims are not permitted.</p> <p>Further guidance is available in the SSI Claims Guide.</p>

# Public Summary Report

This section describes the upstream supply chain tiers covered by the site's traceability management system.

It identifies the supply chain tiers for which supplier identification and traceability management system documentation have been established and verified within the certification scope.

**Clarification:** The traceability management system enables the facility to track silicon inputs through the supply chain tiers listed above when SSI traceable transactions occur. The inclusion of a supply chain tier in this table reflects the capability of the traceability management system within the defined certification scope, and does not imply that all materials are traced across all tiers at all times.

TRACEABILITY SYSTEM SCOPE		
Supply Chain Tier	Supplier Coverage	Traceability Capability
Cell	Approved suppliers identified	Traceability documentation available
Wafer	Approved suppliers identified	Traceability documentation available
Ingot	Approved suppliers identified	Traceability documentation available
Polysilicon	Approved suppliers identified	Traceability documentation available

# Solar Stewardship Initiative:

## **Section 2: Summary of Findings**

# Summary Of Findings

OVERVIEW							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
1. Management System and Responsibilities	9	9	8	0	0	0	1
2. Material Accounting System	7	7	4	2	0	0	1
3. Eligible Material	1	1	0	1	0	0	0
4. Outsourced Contractors	5	5	0	0	0	0	5
5. Claims	3	3	3	0	0	0	0
<b>TOTAL COUNT</b>	<b>25</b>	<b>25</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7</b>

**References:**

**TSR:** Total Standard Requirements  
**TRA:** Total Requirements Assessed  
**C:** Conformance

**Mi NC:** Minor Non-Conformance  
**Ma NC:** Major Non-Conformance  
**O:** Observation  
**N/A:** Not Applicable

# Understanding Conformance Ratings

## Note

“Total Standard Requirements” shows the full number of applicable Standard requirements, while “Total Requirements Assessed” shows how many were reviewed in this assessment.

- **Conformance (C):**

Systems, policies, procedures, and processes performed in a manner that is in line with the intent of the SSI Standards.

- **Minor Non-Conformance (Mi NC):**

An isolated lapse of performance or control.

A breach which represents low risk to workers/those on site.

A policy issue where there is no evidence of material breach.

Policies or procedures that have been recently adopted but have not been in place or implemented for a sufficient period to demonstrate effective application.

- **Major Non-Conformance (Ma NC):**

A systemic failure or total lack of required controls by the site.

A total absence of implementation of the requirement.

A breach of law.

A group of related, repetitive, or persistent minor non-conformances indicating inadequate implementation.

- **Observation (O):**

A Conformance that meets the fundamental requirements of the SSI Standard(s) but needs improvement.

If this improvement is not adequately addressed, the Observation could escalate to a Non-Conformance during the next Assessment.

- **Not Applicable (N/A):**

A requirement which cannot be implemented by a site due to the nature of its operations.

# Solar Stewardship Initiative:

## **Section 3: Detailed Findings Breakdown**

# Findings Breakdown

SCT CHAPTER 1 - MANAGEMENT SYSTEM AND RESPONSIBILITIES							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
1.1 SSI Membership	1	1	1	0	0	0	0
1.2 Management System	1	1	1	0	0	0	0
1.3 Leadership and Management Representation	1	1	1	0	0	0	0
1.4 Communications and Training	1	1	1	0	0	0	0
1.5 Record Maintenance	1	1	1	0	0	0	0
1.6 Verification	1	1	1	0	0	0	0
1.7 Management System Review	1	1	1	0	0	0	0
1.8 Inconsistencies and complaints	1	1	1	0	0	0	0
1.9 Reporting Obligations	1	1	0	0	0	0	1 (*)
<b>TOTAL COUNT</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

### **(\*)1.9 Traceability Reporting – N/A**

*The Facility is required to report annual traceability data to the SSI Secretariat in line with the Standard requirements.*

*However, at the time of the assessment, the first reporting deadline had not yet been reached.*

*This results in N/A because the reporting obligation was not applicable during the assessment period.*

*The Facility should ensure systems are in place to comply with reporting requirements by the applicable deadline.*

# Findings Breakdown

SCT CHAPTER 2 - MATERIAL ACCOUNTING SYSTEM							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
2.1 Approved Suppliers	1	1	0	1 (*)	0	0	0
2.2 Internal Material Control	1	1	1	0	0	0	0
2.3 Segregation & Labelling	1	1	1	0	0	0	0
2.4 Reconciliation	1	1	0	1 (**)	0	0	0
2.5 Documentation	1	1	1	0	0	0	0
2.6 Transfer Records	1	1	1	0	0	0	0
2.7 Traders	1	1	0	0	0	0	1 (***)
<b>TOTAL COUNT</b>	<b>7</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>

### **(\*)2.1 Approved Suppliers — Minor non-conformance**

*The Facility has established a documented supplier management and qualification process, including supplier assessments, traceability evaluations, and ongoing supplier monitoring.*

*However, the evidence reviewed did not demonstrate that the supplier management system includes specific controls to ensure that certified material, when introduced, will be sourced exclusively from SSI Certified Suppliers. Processes for verification and ongoing monitoring of supplier certification status were not clearly defined.*

*This results in a Minor Non-Conformance because, while a supplier management framework is in place, controls to support sourcing from SSI Certified Suppliers have not been fully established.*

*The Facility should establish and implement procedures to verify and monitor supplier certification status and ensure that certified material is sourced only from SSI Certified Suppliers.*

### **(\*\*)2.4 Reconciliation — Minor non-conformance**

*The Facility has established a monthly material reconciliation process covering inputs, outputs, inventory, and losses, and personnel demonstrated understanding of the reconciliation methodology and calculation principles.*

*However, the review identified a discrepancy in one sampled reconciliation record where recorded material inputs, outputs, and losses were not fully aligned, and the underlying loss data did not consistently reconcile with supporting records. In addition, no documented root cause analysis or formal correction of the discrepancy was available.*

*This indicates that, although a reconciliation process is in place, it is not consistently implemented with sufficient accuracy and control to ensure reliable material balance integrity.*

*This results in a Minor Non-Conformance because the reconciliation system is established and generally effective, but isolated weaknesses in data accuracy and issue resolution impact its full reliability.*

*The Facility should ensure that material reconciliation is consistently performed with accurate and verified data, and that any identified discrepancies are formally investigated, corrected, and documented to maintain the integrity of material accounting.*

### **(\*\*\*)2.7 Traders – N/A**

*The auditor reviewed supplier records, procurement contracts, and purchasing documentation for the assessment period.*

*The assessment confirmed that the Facility sourced all in-scope silicon-based materials directly from suppliers and did not procure materials through traders.*

*Therefore, the requirement for trader due diligence was determined to be not applicable for the assessment period.*

# Findings Breakdown

SCT CHAPTER 3 - ELIGIBLE MATERIAL							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
3.1 Silicon	1	1	0	1 (*)	0	0	0
<b>TOTAL COUNT</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

### **(\*)3.1 Silicon – Minor non-conformance**

*The Facility has established a traceability system that generally enables linkage of materials from module level upstream through the supply chain to polysilicon for most transactions reviewed.*

*However, for one sampled transaction, complete upstream traceability could only be demonstrated to wafer level, with no available records to support linkage beyond this point. This was attributed to the transaction predating the full implementation of the current traceability requirements.*

*This indicates a limited gap in historical traceability coverage, where full upstream traceability cannot be demonstrated for all transactions within the assessment scope.*

*This results in a Minor Non-Conformance because the traceability system is currently effective and generally complete, but does not fully ensure retrospective traceability for all historical records within the assessment period.*

*The Facility should ensure that traceability records are consistently maintained in line with current requirements and that system enhancements continue to support complete end-to-end traceability across all relevant transactions going forward.*

# Findings Breakdown

SCT CHAPTER 4 - OUTSOURCED CONTRACTORS							
Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
4.1 Use of Outsourced Contractors	1	1	0	0	0	0	1
4.2 Material Return	1	1	0	0	0	0	1
4.3 Scope	1	1	0	0	0	0	1
4.4 Records	1	1	0	0	0	0	1
4.5 Encouraging SSI Certification of Outsourced Contractors	1	1	0	0	0	0	1
<b>TOTAL COUNT</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5 (*)</b>

**(\*) 4.1–4.5 Outsourced Contractors – N/A**

*The Facility performs all relevant activities internally and does not engage outsourced contractors handling certified or traceable material within the certification scope.*

*Therefore, no outsourcing, material return from external processing, or inclusion of contractors in the certification scope was identified during the assessment.*

*This results in N/A because the requirements related to outsourced contractors are not applicable.*

*The Facility should ensure appropriate controls, verification processes, and scope inclusion are established if outsourced contractors are engaged in the future.*

# Findings Breakdown

## SCT CHAPTER 5 - CLAIMS

Topic	TSR	TRA	C	Mi NC	Ma NC	O	N/A
5.1 Use of SSI Logo and Trademarks	1	1	1	0	0	0	0
5.2 Accuracy and Documentation of Certification Claims	1	1	1	0	0	0	0
5.3 Compliance with the SSI Claims Guide	1	1	1	0	0	0	0
<b>TOTAL COUNT</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Solar Stewardship Initiative:

## **Section 4: Feedback & Liability**

# Stakeholder Feedback and Certification Notice

The Solar Stewardship Initiative (SSI) welcomes comments and feedback from all stakeholders regarding this Public Summary Report and the associated certification.

Stakeholders may submit comments, concerns, or relevant information related to a certified facility or the application of the SSI Standards at any time.

Feedback can be submitted to:  
[contact@solarstewardshipinitiative.org](mailto:contact@solarstewardshipinitiative.org)

All submissions will be reviewed in accordance with SSI's procedures for complaints, disputes, and stakeholder engagement.

## Limitation of Liability

Certification under the SSI Supply Chain Traceability Standard confirms that, at the time of assessment, the certified site demonstrated conformity with the requirements of the applicable SSI Standard within the defined certification scope.

SSI certification does not constitute a guarantee of ongoing performance, product quality, or compliance with all applicable laws and regulations.

Organisations making claims related to SSI certification remain solely responsible for ensuring that their communications, marketing materials, product information, and contractual representations comply with applicable legislation, including laws relating to consumer protection, marketing practices, labelling, and competition.

SSI does not assume liability for actions taken by certified entities or third parties based on certification status.

## Certification Validity

The validity of this certification is subject to the certified site maintaining ongoing conformity with the applicable SSI Standard and successfully completing required surveillance and recertification assessments within the defined certification cycle.

Certification status may be suspended, withdrawn, or modified if non-conformances are not adequately addressed or if certification requirements are no longer met.

The current certification status of any SSI member or certified site can be verified at:  
<https://www.solarstewardshipinitiative.org>